

Abstract

The invention relates to a hydroformylation process in which at
5 least one olefin having from 2 to 6 carbon atoms is reacted
continuously with carbon monoxide and hydrogen in the presence of
a hydroformylation catalyst in a reaction zone in which a liquid
phase is present and a stream S) is taken from the liquid phase,
heat is removed from this stream and the stream is subsequently
10 returned to the reaction zone without removal of a material
component.

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